



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
(603) 271-3406 FAX (603) 271-7894



March 16, 2001
Letter of Deficiency (Reissued)
DAM #021.03

Ms. Karen Gilbert
Sargent Lake Association
P.O. Box 250
Belmont, NH 03220-0250

RE: Sargent Lake Dam, Belmont

Dear Ms. Gilbert:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that plays a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on June 14, 2000. During this visual inspection and/or file review, the following deficiencies were observed:

- There was cracking of the emergency spillway concrete cap and downstream masonry face;
2. There were trees along the crest and downstream face of the right embankment of the dam
 3. The area of seepage, at the base of the left stone retaining wall, that has been noted in past inspection reports, had been stopped. Deposits of clay were evident where the seepage once was noted;
 4. There was no operation and maintenance plan on file with the DES; and
 5. The Emergency Action Plan (EAP) needs to be updated and tested.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

June 1, 2001:

1. Update the EAP and conduct a test of the emergency notification flowchart;
2. Prepare and submit to the DES a written operational procedure plan. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel;

August 1, 2001:

3. Repair the areas of concrete deterioration and cracking on the concrete cap and downstream masonry face of the emergency spillway; and

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4. Remove the trees from the crest of the right end of the dam (30 feet to the right of the spillway) and within 10 feet of the downstream face of the dam.

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,

COPY *Grace E. Levergood*

Grace E. Levergood, P.E.
Dam Safety Engineer

Attachments Guideline for an O&M plan, DB8, DB13

cc: Gretchen Rule

Town of Belmont

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